

BMP-Based Method 4 GPCD Target Calculator

Color Key

User Input
Model Assumption
Model Calculation

Water Supplier:

Walnut Valley WD

Hydrologic Region:

South Coast

Mid Point of Base Period

2005

<<Assume 2005

Baseline Population

99,640

<<UWMP

Baseline Gross Water Use (AF)

21,698

<<From BMP dai

Baseline Water Use (GPCD):

194.4

<<Calculated

BMP Savings (GPCD):

BMP 1.2 Water Loss Control

0.0

Go To

[Calculator](#)

BMP 1.3 Metering

0.0

[Calculator](#)

BMP 3.1 Residential Assistance

-0.2

[Calculator](#)

BMP 3.2 Residential Landscape

-0.9

[Calculator](#)

BMP 4 CII

-2.5

[Calculator](#)

BMP 5.2 Landscape Budgets

-1.5

[Calculator](#)

Subtotal BMP Savings

-5.1

GPCD Adjustment

-1.0

<<Adjustment ne

Total Savings (GPCD):

-21.9

Total Savings (% of Baseline):

-11.3%

BMP-Based Target (GPCD):

172.5

Comparison to Methods 1 and 3

	Target	% Savings	
BMP-Based Target:	175.5	-9.7%	
BMP-Based Target*:	172.5	-11.3%	
Method 1	155.5	-20.0%	BM
Method 3	141.6	-27.2%	BM

*Including CII toilet and urinal savings

Regional Targets from 20x2020 Report

HR	2020 Target
North Coast	137
SF Bay	131
Cent Coast	123
South Coast	149
Sac River	176
SJ River	174
Tulare Lake	188
N. Lahontan	173
S. Lahontan	170
CO River	211

Database Water Supply & Reuse form (excluding recycled water use)

Plumbing Device Saturation Savings (GPCD):

		Go To
Single Family Toilets	-5.9	Calculator
Multi Family Toilets	-1.5	Calculator
Residential Washers	-5.4	Calculator
Residential Showerheads	0.0	Calculator
CII Toilets	-2.5	Calculator
CII Urinals	-0.5	Calculator
Subtotal Plumb. Device Savings	-15.8	

needed to achieve statewide 20% reduction.

Method 3 Targets

'P-based target is 17.0 gpcd greater than Method 1 target.

'P-based target is 31.0 gpcd greater than Method 3 target.